

**Device for Monitoring Dispensing of Dispensable Compositions****Abstract of the Disclosure**

- 5        The present invention is directed to a monitoring device used for dispensing of one or more dispensable compositions, such as an ink jet ink and. The device includes a client computer in communication with a host computer. One or more reservoirs containing dispensable compositions, such as ink jet ink, are provided identification tags.
- 10      Interrogators are used to read current dispensable composition information disposed on the tags. The device does not dispense the composition if the current information does not match with stored information of the composition. If there is a match, the device permits dispensing of the composition on a target substrate, such as print medium.
- 15      The interrogator then updates the current information on the tag after deducting the amount of the composition dispensed by the device. The updated information then becomes current information for a subsequent dispensing cycle. The present device in the form of ink jet printer is well suited for ensuring the dispensing of dispensable compositions of desired quality. The device can be also used to control the inventory by replenishing just in time any dispensed compositions, such ink jet inks used in photographic or textile prints.